# The Nox BodySleep™ Estimates Sleep Time by Analyzing Breathing Parameters

30-second epochs into the REM and NREM sleep states, and Wakefulness. Nox's BodySleep technology estimates sleep states by processing respiratory data through advanced algorithms utilizing Nox calibrated RIP technology. The Nox BodySleep does not require traditional EEG, EOG and EMG signals typically used to determine changes in brain state during sleep

stages. Instead, the algorithm interprets the

in the brain, measured with Nox RIP

technology and actigraphy.

physiological changes that coincide with changes

The Nox BodySleep utilizes Artificial Intelligence, AI, intended to differentiate

The physiological basis of how and why The Nox BodySleep is capable of distinguishing sleep states is due to the use of the Nox RIP belts accurately measuring the patient's respiratory movements.

# 08:43



Sleep Parameters

- NREM: 75,9% Wake: 9,6%

REM: 14,5%

\*The Nox BodySleep is not available in the US.

# See The Way Forward to Smart Sleep Technology

The Nox RIP Technology

The Nox RIP technology is complimented

by the design of the Nox RIP belts, sensitive, highly technical inductance plethysmography

sensors fastened with thoughtfully designed

clips to ensure the belts remain attached to the T3s throughout the night(s).

tolerate the cannula.

The calibrated RIP flow is a signal derived from the Nox RIP belts. The calibrated RIP

during sleep, or the patient was unable to

Flow channel can be used as an alternative flow signal in cases where the cannula signal was lost





# Respiratory analysis in Noxturnal has been shown to be accurate and reliable when used with Nox Medical's advanced automated scoring algorithm

Small, Compact, and Powerful



» 4GB Storage Capacity

» USB-C

H: 62 mm

 $_{\rm N}$  68 g  $\pm$  5 g (without battery)

(68 mm W, 62 mm H, 26 mm D)

# signal with the EKG extendibility or use an EMG signal for PLM detection and detection of possible Bruxism related events.

Versatility

Cutting Edge Analysis

in comparison to a manually scored AHI.

The Nox T3s is very versatile, whether you need

The T3s is intended to be used within the pediatric age group from 2 years and up.

**Bipolar Channels** 

» Pressure Sensor

NOX T3

» W: 68 mm

» Integrated Microphone

» Tamper Proof Battery Lid

# **Technical Specifications**

» D: 26 mm

Signal Specifications:	
Available Signals	Thorax and Abdomen RIP, Nasal pressure/Mask pressure, Snore Signal, Audio and snoring channel, 2 bipolar channels, Position, Activity, SpO2, pulse plethysmography, and more.
Bipolar Channels	Touch-proof connector 1 mm keyhole connector, $\pm 1024$ mVp-p input range AC, <3 $\mu$ V RMS noise
Flow/Pressure Signal	±100 cmH2O input pressure range, DC-80Hz, 200 Hz sampling frequency, <1 mmH2O noise
Activity/Position Signals	Internal 3 axis, ±2 g
Sound Signals	8kHz sampling rate, 3.5kHz bandwidth, 16-bit ADC
Wireless Interface	Bluetooth® V5.0 Low Energy - wireless interface for external devices
Performance Specifications	
Storage Capacity	4 GB
Recording Time	24 hours with 1x AA Battery (new Lithium battery)
PC Communications	USB 2.0 hi-speed
Physical Specifications:	
Power Source	One 1.5V AA battery during recording; Host PC USB during data download
Battery Type	Alkaline primary, Lithium primary, nickel-metal hydride rechargeable (NiMH)
Battery Cover	Tamper proof and locked
Device Dimension	68 mm W x 62 mm H x 26 mm D
Weight	68 g ± 5 g without battery
Display	Type OLED—Dimensions 19 x 35 mm, resolution 128 x 64 dots
USB 2.0 Connection	USB-Mini type C

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ortware.	
linimum PC Requi	rements
	Windows 8 and higher
	Processor: X64 based Intel or AMD, 1.7 GHz or faster
	2GB RAM, 4 GB of free disk space
	Resolution: 1024 x 768 or higher